

FORM PTO-1390
(REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
123650**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
New U.S. National Stage of PCT/JP2002/012022
10/533469INTERNATIONAL APPLICATION NO.
PCT/JP2002/012022INTERNATIONAL FILING DATE
November 18, 2002

PRIORITY DATE CLAIMED

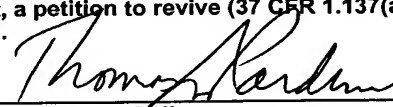
TITLE OF INVENTION
TWO-DIMENSIONAL WEAK RADIATION DETECTORAPPLICANTS FOR DO/EO/US
Noriaki KIMURA and Takayoshi YUMII

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 - c. ☒ The International Application was filed in English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.55) 10/533469 New U.S. National Stage of PCT/JP2002/012022				INTERNATIONAL APPLICATION NO. PCT/JP2002/012022		ATTORNEY'S DOCKET NUMBER 123650			
21. <input checked="" type="checkbox"/> The following fees are submitted:						CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00						\$300.00			
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):						\$400.00			
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00									
International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00									
All situations not provided for above \$ 500.00									
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):						\$200.00			
International preliminary examination report prepared by the USPTO as IPEA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage \$ 100.00									
All situations not provided for above \$ 200.00									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						\$			
TOTAL PAGES OF APPLICATION OVER 100 (- 100)		÷ 50		= †		x 250 =		\$	
†round up to next integer									
CLAIMS		NUMBER FILED		NUMBER EXTRA		RATE		\$	
TOTAL CLAIMS		4- 20		= 0		x 50.00 =		\$	
INDEPENDENT CLAIMS		2- 3		= 0		x 200.00 =		\$	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)						+ 360.00 =		\$	
TOTAL OF ABOVE CALCULATIONS =						\$900.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.						\$			
SUBTOTAL =						\$900.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$			
TOTAL NATIONAL FEE =						\$900.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$			
TOTAL FEES ENCLOSED =						\$900.00			
						Amount to be refunded:		\$	
						charged:		\$	
a. <input checked="" type="checkbox"/> Check No. <u>166227</u> in the amount of \$900.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944									
Date <u>April 29, 2005</u>						 NAME: James A. Oliff REGISTRATION NUMBER: 27,075			
						NAME: Thomas J. Pardini REGISTRATION NUMBER: 30,411			